

Title (en)  
A SURGICAL DEVICE

Title (de)  
CHIRURGISCHE VORRICHTUNG

Title (fr)  
DISPOSITIF CHIRURGICAL

Publication  
**EP 3260063 A1 20171227 (EN)**

Application  
**EP 16175578 A 20160621**

Priority  
EP 16175578 A 20160621

Abstract (en)  
A surgical device 1 made up of a hollow handle 2 having an elongate insertion portion 3 with a head 5 having jaws 6,7 at its free end, the head 5 being rotatable about a longitudinal axis 8 defined by the elongate insertion portion 3 and separately or simultaneously deflectable with respect to the insertion portion 3 at a joint 9 on the insertion portion 3, rotation and articulation of the head 5 and movement of the jaws 6,7 being effected via a head control mechanism 10 in the handle 2 made up of, firstly, a ring-like head rotation actuator 11, secondly, a separately and independently operable rotatable head deflection control 12 and, thirdly, a separately and independently operable lever-like jaw activator 13 at the handle 2.

IPC 8 full level  
**A61B 17/29** (2006.01); **A61B 17/04** (2006.01)

CPC (source: EP)  
**A61B 17/29** (2013.01); **A61B 17/062** (2013.01); **A61B 17/2909** (2013.01); **A61B 2017/2913** (2013.01); **A61B 2017/292** (2013.01); **A61B 2017/2927** (2013.01); **A61B 2017/2929** (2013.01)

Citation (search report)  
• [XA] US 2008147113 A1 20080619 - NOBIS RUDOLPH H [US], et al  
• [XA] US 2003109898 A1 20030612 - SCHWARZ KNUT M [DE], et al  
• [XA] US 2010191278 A1 20100729 - LEE WOOJIN [US], et al  
• [XA] US 5474571 A 19951212 - LANG DIETER [DE]  
• [XA] US 2009112229 A1 20090430 - OMORI SHIGERU [JP], et al  
• [A] WO 2005079682 A1 20050901 - ROEI MEDICAL TECHNOLOGIES LTD [IL], et al

Cited by  
WO2024084382A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3260063 A1 20171227**

DOCDB simple family (application)  
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